

## Statistical Science Emphasis

## Requirements / Prerequisites

## 2021-2022 Academic Year

## Major (53.5 Hours)

- No more than three hours of credit below C- is allowed for major courses.
- Complete the following: Stat 121 and Stat 130.
- Complete the following courses: Stat 230, Stat 240, Stat 250, Stat 330, Stat 340.
- Complete the following courses: Math 112, Math 113, Math 213, & Math 215.
- Complete three credits of the following: Stat 124, Stat 125, Stat 126, Stat 224, Stat 226.
- Complete the following course: Math 314.
- Complete 6.0 Elective hours from the following:  
Stat 420, Stat 421, Stat 426, Stat 435, Stat 437, Stat 451, Stat 462, Stat 466, Stat 469, Stat 475, Stat 477, Stat 495R, Stat 531, Stat 538.
- Complete 12.0 Elective hours from the following (courses used in requirement 6 will not double count in requirement 7):  
C S 142, Math 334, Math 341, Math 342, Stat 124, Stat 125, Stat 126, Stat 224, Stat 226, Stat 234, Stat 251, Stat 274, Stat 377, Stat 381, Stat 420, Stat 421, Stat 426, Stat 435, Stat 437, Stat 451, Stat 462, Stat 466, Stat 469, Stat 475, Stat 477, Stat 495R, Stat 496R, Stat 497R, Stat 531, Stat 538

Note: No more than 3 hours of Stat 495R, Stat 496R or Stat 497R may be counted towards this requirement.

## Minor (19 Hours)

- Complete one of the following:  
Stat 121, or Stat 201.
- Complete Math 112, Stat 123, Stat 124, Stat 230, Stat 240, Stat 330. (math 213 and 215 may substitute for stat 123 and 124)

Requirement 6  
Choose 6.0 credits

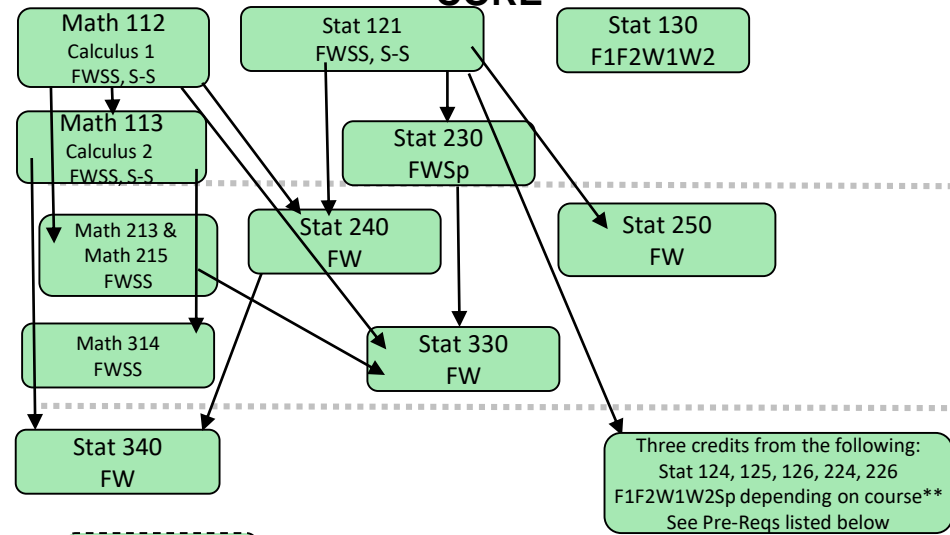
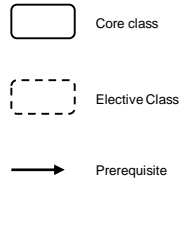
|   |   |   |
|---|---|---|
| Stat 420<br>Pre-Req: Stat 126,<br>Stat 330, & Stat 340<br>F | Stat 462<br>Pre-Req: Stat 330 &<br>Stat 340<br>F            | Stat 531<br>Pre-Req: Stat 330,<br>Stat 340, & Math 213<br>F |
| Stat 421<br>Pre-Req: Stat 420<br>W                          | Stat 466<br>Pre-Req: Stat 330 & 340<br>W                    | Stat 538<br>Pre-Req: Stat 330 & 340<br>W                    |
| Stat 426<br>Pre-Req: Stat 126, 330,<br>& 340<br>F           | Stat 469<br>Pre-Req: Stat 330,<br>& Stat 340<br>W           |   |
| Stat 435<br>Pre-Req: Stat 330 &<br>Stat 340<br>F            | Stat 475<br>Pre-Req: Stat 274, Stat 330 &<br>Stat 340<br>W  |   |
| Stat 437<br>Pre-Req: Stat 330,<br>& Stat 340<br>W           | Stat 477<br>Pre-Req: Stat 330 & 340<br>W                    |   |
| Stat 451<br>Pre-Req: Stat 251, Stat 330<br>& Stat 340<br>F  | Stat 495R<br>Pre-Req: None<br>When Taught:<br>Contact Dept. |   |

Note:  
Courses only  
count once  
towards the  
major.

Guide only—please  
consult MyMAP for  
full requirements.

Please Note: When  
Taught is subject to  
change.

## Key



Statistics Elective  
(Choose below)

Statistics Elective  
(Choose below)

Statistics Elective  
(Choose below)

Statistics Elective  
(Choose below)

Statistics Elective  
(Choose below)

Statistics Elective  
(Choose below)

Requirement 7  
Choose 12.0 credits

**\*\*Note:** Stat 124 is taught F1, W1, Sp, Stat 125 is taught F1W1, Stat 126 is taught F2W2, Stat 226 is taught F1F2W2 --Stat 125 must be taken before Stat 126 and 226. Stat 250, Stat 123, or 124 must be taken before Stat 125.

|   |  |   |  |   |
|---|--|---|--|---|
| CS 142<br>Pre-Req: Algebra<br>FWSp                              | Stat 126<br>Pre-Req: Stat 125<br>F2W2                        | Stat 377<br>Pre-Req: Stat 274<br>Contact Department         | Stat 437<br>Pre-Req: Stat 330,<br>& Stat 340<br>W            | Stat 477<br>Pre-Req: Stat 330<br>& Stat 340<br>W  |
| Math 334<br>Pre-Req: Math 113 &<br>Math 313 or Math 213<br>FWSS | Stat 224<br>Pre-Req: 124<br>Contact department               | Stat 381<br>Pre-Req: Stat 223,<br>Stat 224, & Stat 330<br>W | Stat 451<br>Pre-Req: Stat 251 & Stat 330,<br>& Stat 340<br>F | Stat 495R<br>Pre-Req: None<br>When Taught:<br>Contact Dept.                             |
| Math 341<br>Pre-Req: Math 113<br>& Math 290<br>FWSu             | Stat 226<br>Pre-Req: Stat 125<br>F1, F2, W2                  | Stat 420<br>Pre-Req: Stat 126,<br>Stat 330, & Stat 340<br>F | Stat 462<br>Pre-Req: Stat 330 &<br>Stat 340<br>F             | Stat 496R<br>Pre-Req: Dept.<br>Consent (up to 3 hours)<br>When Taught:<br>Contact Dept. |
| Math 342<br>Pre-Req: Math 313<br>or 213<br>& Math 341<br>FW     | Stat 234<br>Pre-Req: Stat 121<br>or 201<br>F                 | Stat 421<br>Pre-Req: Stat 420<br>W                          | Stat 466<br>Pre-Req: Stat 330 &<br>Stat 340<br>W             | Stat 497R<br>Pre-Req: Dept.<br>Consent (up to 3 hours)<br>When Taught:<br>Contact Dept. |
| Stat 124<br>Pre-Req: Stat 121<br>F1W1Sp                         | Stat 251<br>Pre-Req: Stat 240,<br>Stat 250, & Math 113<br>FW | Stat 426<br>Pre-Req: Stat 126, 330,<br>& 340<br>F           | Stat 469<br>Pre-Req: Stat 330<br>& Stat 340<br>W             | Stat 531<br>Pre-Req: Stat 330,<br>Stat 340, & Math 213<br>F                             |
| Stat 125<br>Pre-Req: Stat 123 or<br>124<br>F1W1                 | Stat 274<br>Pre-Req: Math 112<br>FW                          | Stat 435<br>Pre-Req: Stat 330 &<br>Stat 340<br>F            | Stat 475<br>Pre-Req: Stat 274,<br>Stat 330, & Stat 340<br>W  | Stat 538<br>Pre-Req: Stat 330 &<br>Stat 340<br>W  |